Claims

[1] A liquid crystal display including a liquid crystal panel having two screens, a first front light placed in a vicinity of one of the two screens of said liquid crystal panel, a second front light placed in a vicinity of the other one of the two screens of said liquid crystal panel, and a pixel driving circuit for driving pixels of said liquid crystal panel to display an image on said liquid crystal panel, characterized in that

said pixel driving circuit alternately displays a first image and a second image on said liquid crystal panel, and said first front light lights up while the first image is displayed on said liquid crystal panel by said pixel driving circuit, and said second front light lights up while the second image is displayed on said liquid crystal panel by said pixel driving circuit.

[2] The liquid crystal display according to Claim 1, characterized in that when displaying the first or second image on the liquid crystal panel, the pixel driving circuit applies image data about the image to be displayed on the liquid crystal panel to a plurality of gate lines of the liquid crystal panel in turn, and the first or second front light lights up after the image data has been applied to all the gate lines.

[3] The liquid crystal display according to Claim 1, characterized in that in a case where each of the first and second front lights includes a plurality of light sources, when displaying the first or second image on the liquid crystal panel, the pixel driving circuit applies image data about the image to be displayed on the liquid crystal panel to a plurality of gate lines of the liquid crystal panel in turn to cause the

plurality of light sources which respectively correspond to the plurality of gate lines to light up in order that the image data is applied to the plurality of gate lines.

[4] The liquid crystal display according to Claim 1, characterized in that the liquid crystal panel includes a liquid crystal cell having the plurality of pixels, a pair of transparent glass substrates which sandwich said liquid crystal cell, and a pair of polarizing plates placed outside said pair of transparent glass substrates.

[5] The liquid crystal display according to Claim 1, characterized in that a liquid crystal layer which constitutes the liquid crystal panel has a bend alignment.

[6] The liquid crystal display according to Claim 1, characterized in that a circular polarizing plate is placed outside a TFT substrate which constitutes the liquid crystal panel.

[7] The liquid crystal display according to Claim 1, characterized in that a liquid crystal layer which constitutes the liquid crystal panel has a substantially-parallel alignment.

[8] The liquid crystal display according to Claim 7, characterized in that a material of the liquid crystal layer has refractive index anisotropy which falls within a range of 0.1 to 0.2, and the liquid crystal layer has a birefringence value which falls within a range of 350 nm to 550 nm.

[9] The liquid crystal display according to Claim 7, characterized in that a circular polarizing plate is placed outside a TFT substrate which constitutes the liquid crystal panel.

[10] The liquid crystal display according to Claim 1,

characterized in that a direction in which light is emitted out of each of the first and second front lights is inclined with respect to a direction perpendicular to the liquid crystal panel, and the direction in which light is emitted out of the first front light differs from the direction in which light is emitted out of the second front light.

[11] The liquid crystal display according to Claim 10, characterized in that the direction in which light is emitted out of each of the first and second front lights is inclined toward an upward or downward direction by a certain angle of 5 to 10 degrees with respect to the direction perpendicular to the liquid crystal panel, and the direction in which light is emitted out of the first front light differs from the direction in which light is emitted out of the second front light by a certain angle of 10 to 20 degrees.

[12] The liquid crystal display according to Claim 10, characterized in that the direction in which light is emitted out of each of the first and second front lights is inclined toward a direction opposite to a direction of a light source of each of the first and second front lights by a certain angle of 5 to 10 degrees with respect to the direction perpendicular to the liquid crystal panel, and the direction in which light is emitted out of the first front light differs from the direction in which light is emitted out of the second front light by a certain angle of 10 to 20 degrees.

[13] Information equipment provided with a liquid crystal display in which a first front light is placed on a vicinity of one of two screens of a liquid crystal panel, a second front light is placed on a vicinity of the other one of the two screens of said liquid crystal panel, and a pixel driving circuit for

driving pixels of said liquid crystal panel to display an image on said liquid crystal panel is disposed, and an image controller for outputting image data about the image which is to be displayed on said liquid crystal panel to said pixel driving circuit, characterized in that when receiving image data about a first image and image data about a second image from said image controller, said pixel driving circuit alternately displays the first and second images on said liquid crystal panel, and said first front light lights up while the first image is displayed on said liquid crystal panel by said pixel driving circuit, and said second front light lights up while the second image is displayed on said liquid crystal panel by said pixel driving circuit.